

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 6281-000027/US/NP
INTERNATIONAL APPLICATION NO. PCT/EP2004/013103	INTERNATIONAL FILING DATE 18 November 2004	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/579457
TITLE OF INVENTION		PRIORITY DATE CLAIMED 18 November 2003
SUPPORT ELEMENT		
APPLICANT(S) FOR DO/EO/US Ernst BOCK et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> A Substitute Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U. S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER																																																																																																
10/579457	PCT/EP2004/013103	6281-000027/US/NP																																																																																																
20. <input checked="" type="checkbox"/> Other items or information: Certificate of Express Mailing EM 061 814 556 US; Check in the amount of 65.00; Return Postcard																																																																																																		
<table border="1"> <tr> <td colspan="2">The following fees have been submitted</td> <td>CALCULATIONS</td> <td>PTO USE ONLY</td> </tr> <tr> <td colspan="2">21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$310</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="2">22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 All other situations \$210</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="2">23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$410 All other situations \$510</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="2">TOTAL OF 21, 22 and 23 =</td> <td>\$ 0.00</td> <td></td> </tr> <tr> <td colspan="2"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or in an electronic medium or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$260 for each additional 50 sheets of paper or fraction thereof. </td> <td colspan="2" rowspan="2">\$</td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td>RATE</td> </tr> <tr> <td>- 100 =</td> <td>/50 =</td> <td></td> <td>x \$260.00</td> </tr> <tr> <td colspan="2">Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).</td> <td>\$ 130.00</td> <td></td> </tr> <tr> <td colspan="2"> <table border="1"> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> <tr> <td>Total claims</td> <td>- 20 =</td> <td>0</td> <td>x x \$50</td> </tr> <tr> <td>Independent claims</td> <td>- 3 =</td> <td>0</td> <td>x x \$210</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+</td> <td>+ \$370</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS = \$ 130.00</td> </tr> </table> </td> <td colspan="2">\$</td> </tr> <tr> <td colspan="2"> <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. </td> <td colspan="2">\$</td> </tr> <tr> <td colspan="2">SUBTOTAL = \$ 65.00</td> <td colspan="2">\$</td> </tr> <tr> <td colspan="2">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> <td colspan="2">\$</td> </tr> <tr> <td colspan="2">TOTAL NATIONAL FEE = \$ 65.00</td> <td colspan="2">\$</td> </tr> <tr> <td colspan="2">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +</td> <td colspan="2">\$</td> </tr> <tr> <td colspan="2">10/26/2007 LANDGRA 00000042 10579457</td> <td colspan="2">\$</td> </tr> <tr> <td colspan="2">01 FC:2617 65.00 OP</td> <td colspan="2">TOTAL FEES ENCLOSED = \$ 65.00</td> </tr> <tr> <td colspan="2"></td> <td>Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td colspan="2"></td> <td>Amount to be charged</td> <td>\$</td> </tr> </table>			The following fees have been submitted		CALCULATIONS	PTO USE ONLY	21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$310		\$		22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 All other situations \$210		\$		23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$410 All other situations \$510		\$		TOTAL OF 21, 22 and 23 =		\$ 0.00		<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or in an electronic medium or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$260 for each additional 50 sheets of paper or fraction thereof.		\$		Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	- 100 =	/50 =		x \$260.00	Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$ 130.00		<table border="1"> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> <tr> <td>Total claims</td> <td>- 20 =</td> <td>0</td> <td>x x \$50</td> </tr> <tr> <td>Independent claims</td> <td>- 3 =</td> <td>0</td> <td>x x \$210</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+</td> <td>+ \$370</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS = \$ 130.00</td> </tr> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	- 20 =	0	x x \$50	Independent claims	- 3 =	0	x x \$210	MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+	+ \$370	TOTAL OF ABOVE CALCULATIONS = \$ 130.00				\$		<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.		\$		SUBTOTAL = \$ 65.00		\$		Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$		TOTAL NATIONAL FEE = \$ 65.00		\$		Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$		10/26/2007 LANDGRA 00000042 10579457		\$		01 FC:2617 65.00 OP		TOTAL FEES ENCLOSED = \$ 65.00				Amount to be refunded:	\$			Amount to be charged	\$
The following fees have been submitted		CALCULATIONS	PTO USE ONLY																																																																																															
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$310		\$																																																																																																
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 All other situations \$210		\$																																																																																																
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$410 All other situations \$510		\$																																																																																																
TOTAL OF 21, 22 and 23 =		\$ 0.00																																																																																																
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or in an electronic medium or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$260 for each additional 50 sheets of paper or fraction thereof.		\$																																																																																																
Total Sheets	Extra Sheets			Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																																																																																													
- 100 =	/50 =		x \$260.00																																																																																															
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$ 130.00																																																																																																
<table border="1"> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> <tr> <td>Total claims</td> <td>- 20 =</td> <td>0</td> <td>x x \$50</td> </tr> <tr> <td>Independent claims</td> <td>- 3 =</td> <td>0</td> <td>x x \$210</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+</td> <td>+ \$370</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS = \$ 130.00</td> </tr> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	- 20 =	0	x x \$50	Independent claims	- 3 =	0	x x \$210	MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+	+ \$370	TOTAL OF ABOVE CALCULATIONS = \$ 130.00				\$																																																																												
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																																																																																															
Total claims	- 20 =	0	x x \$50																																																																																															
Independent claims	- 3 =	0	x x \$210																																																																																															
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+	+ \$370																																																																																															
TOTAL OF ABOVE CALCULATIONS = \$ 130.00																																																																																																		
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.		\$																																																																																																
SUBTOTAL = \$ 65.00		\$																																																																																																
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$																																																																																																
TOTAL NATIONAL FEE = \$ 65.00		\$																																																																																																
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$																																																																																																
10/26/2007 LANDGRA 00000042 10579457		\$																																																																																																
01 FC:2617 65.00 OP		TOTAL FEES ENCLOSED = \$ 65.00																																																																																																
		Amount to be refunded:	\$																																																																																															
		Amount to be charged	\$																																																																																															

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

a. A check in the amount of \$ 65.00 to cover the above fees is enclosed.

b. Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.

c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038. The PTO-2038 should only be mailed or faxed to the USPTO. However, when paying the basic national fee, the PTO-2038 may NOT be faxed to the USPTO.

ADVISORY: If filing by EFS-Web, do NOT attach the PTO-2038 form as a PDF along with your EFS-Web submission. Please be advised that this is not recommended and by doing so your credit card information may be displayed via PAIR. To protect your information, it is recommended paying fees online by using the electronic payment method.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

G. Gregory Schivley
HARNESS, DICKEY & PIERCE, P.L.C.
P.O. Box 828
Bloomfield Hills, MI 48303
United States of America

CUSTOMER NUMBER: 27572



SIGNATURE

Bryant E. Wade

NAME

40,344

REGISTRATION NUMBER

DATED: October 24, 2007

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EM 061 814 556 US in an envelope addressed to:

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on October 24, 2007
Date



Signature

Bryant E. Wade

Typed or printed name of person signing Certificate

40,344
Registration Number, if applicable

(248) 641-1600
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

1. Certificate of Mailing EM 061 814 556 US;
2. Check in the amount of \$65.00;
3. Transmittal Letter to the DO/EO/US (3 pages, in duplicate);
4. Supplemental Application Data Sheet (3 pages);
5. Signed German Language Declaration and Power of Attorney (4 pages);
6. Return Postcard